

Practitioner's Docket No. HES 2003-IP0012018U1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent application

of _____
Inventor(s)

for _____
Title of Invention

OR

In re application of: B. Raghava Reddy et al.

Application No.: 0 10 / 827,022

Group Art Unit: 3672

Filed: April 19, 2004

Examiner: unknown

For: Sealant Compositions Comprising Colloidally Stabilized Latex and Method of Using The Same

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
WITHIN THREE MONTHS OF FILING OR
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. § 1.97(b))**

CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10*

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I hereby certify that, on the date shown below, this correspondence is being:

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37 C.F.R. § 1.8(a)

37 C.F.R. § 1.10 *

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Sheila Gibbs

Signature

Date: 2-1-05

SheilaAGibbs

(type or print name of person certifying)

* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.8(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

(Transmittal of Information Disclosure Statement Within Three Months of Filing or Before Mailing of First Office Action [8-3]—page 1 of 3)

IFW

NOTE: 37 C.F.R. 1.98(b):

- (1) Each U.S. patent listed in an information disclosure statement must be identified by inventor, patent number, and issue date.
- (2) Each U.S. patent application publication listed in an information disclosure statement shall be identified by applicant, patent application publication number, and publication date.
- (3) Each U.S. application listed in an information disclosure statement must be identified by the inventor, application number, and filing date.
- (4) Each foreign patent or published foreign patent application listed in an information disclosure statement must be identified by the country or patent office which issued the patent or published the application, an appropriate document number, and the publication date indicated on the patent or published application.
- (5) Each publication listed in an information disclosure statement must be identified by publisher, author (if any), title, relevant pages of the publication, date, and place of publication.

WARNING: No extension of time can be had under 37 C.F.R. § 1.138 (a) or (b) for filing an IDS. 37 C.F.R. § 1.97(f).

NOTE: The "filing date of a national application" under 37 C.F.R. § 1.97(b) has two possible meanings. Where the filing is a direct one to the United States Patent & Trademark Office, the filing is defined in 37 C.F.R. § 1.53(b) as "the date on which: (1) A specification containing a description pursuant to § 1.71 and at least one claim pursuant to § 1.75; and (2) any drawing required by § 1.81(a), are filed in the Patent and Trademark Office in the name of the actual inventor or inventors as required by § 1.41." 37 C.F.R. § 1.97(b)(1). On the other hand, an international application that enters the national stage occurs when the applicant has filed the documents and fees required by 35 U.S.C. § 371(c) within the periods set forth in § 1.494 or § 1.495. 35 U.S.C. § 371(c) requires the filing of the following: (1) the basic national fee; (2) a copy of the international application, unless already sent by the International Bureau, and optionally an English translation if filed in another language; and, also optionally (3) amendments under PCT Article 19, with a translation into English if made in another language; (4) an oath or declaration; and (5) a translation into English of any annexes to the international preliminary examination report, if such annexes were made in another language. The optional items must be submitted later, with surcharges. 37 C.F.R. § 1.97(b)(2).

IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING INFORMATION DISCLOSURE STATEMENT

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. § 1.97(b).

NOTE: "No certification or fee is due when the filing is made within the above time period. It is advisable to ensure that no Office action has been mailed if the disclosure statement is delayed until after three months from filing."

NOTE: "An information disclosure statement will be considered to have been filed on the day it was received in the Office, or on an earlier date of a mailing if accompanied by a properly executed certificate of mailing under 37 C.F.R. 1.8, or Express Mail certificate under 37 C.F.R. 1.10. An Office action is mailed on the date indicated in the Office action." Notice of April 20, 1992 (1138 O.G. 37-41, 39). See also § 609, M.P.E.P., 8th Edition.

NOTE: "The term 'national application' includes continuing applications (continuations, divisions, continuations-in-part) so three-months will be measured from the actual filing date of an application as opposed to the effective date of a continuing application." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

NOTE: "An action on the merits means an action which treats the patentability of the claims in an application, as opposed to only formal or procedural requirements. An action on the merits would, for example, contain a rejection or indication of allowability of a claim or claims rather than just a restriction requirements (37 C.F.R. 1.142) or just a requirement for additional fees to have a claim considered (37 C.F.R. 1.16(d)). Thus, if an application was filed on Jan. 1 and the first Office action on the merits was not mailed until six months later on July 1, the examiner would be required to consider any proper information disclosure statement filed prior to July 1." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

WARNING: "A petition for suspension of action to allow applicant time to submit an information disclosure statement will be denied as failing to present good and sufficient reasons, since 37 C.F.R. § 1.97 provides adequate recourse for the timely submission of prior art for consideration by the examiner." Notice of July 6, 1992 (1141 O.G. 63). But see § 103(b) and (c), limited suspension of action in a continued prosecution application (CPA) filed under § 1.53(d) and in a request for continued examination (RCE) under § 1.114.

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Craig W. Roddy

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Duncan, OK 73536-0440



PATENT
HES 2003-IP-012018U1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	B. Raghava Reddy and Anthony V. Palmer)	
)	Art Unit: 3672
)	
Serial No.:	10/827,022)	
)	
Filed:	April 19, 2004)	Examiner: Unknown
)	
For:	SEALANT COMPOSITIONS COMPRISING)		
	COLLOIDALLY STABILIZED LATEX)		
	AND METHODS OF USING THE SAME)		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

SIR:

The following documents are known to Applicants or Applicants' attorneys and are submitted for the Examiner to consider in the above-captioned application.

U. S. PATENTS

U.S. Patent No. 3,487,038 issued December 30, 1969 to Leonard E. Toy et al.

U.S. Patent No. 3,793,244 issued February 19, 1974 to James F. Megee et al.

U.S. Patent No. 4,182,677 issued January 8, 1980 to Christian Bocard et al.

U.S. Patent No. 4,301,016 issued November 17, 1981 to David B. Carriere et al.

U.S. Patent No. 4,384,096 issued May 17, 1983 to Lawrence F. Sonnabend.

U.S. Patent No. 4,486,316 issued December 4, 1984 to David B. Carriere et al.

U.S. Patent No. 4,664,816 issued May 12, 1987 to Clarence O. Walker et al.

U.S. Patent No. 4,670,501 issued June 2, 1987 to Brian Dymond et al.

U.S. Patent No. 4,777,200 issued October 11, 1988 to Brian Dymond et al.

U.S. Patent No. 4,818,288 issued April 4, 1989 to Alois Aignesberger et al.

U.S. Patent No. 4,861,822 issued August 29, 1989 to William H. Keskey et al.

U.S. Patent No. 5,244,304 issued September 14, 1993 to Ed Weill et al.

U.S. Patent No. 5,290,356 issued March 1, 1994 to Richard Frankowski.

U.S. Patent No. 5,387,626 issued February 7, 1995 to Jozef Bohme-Kovac et al.

U.S. Patent No. 5,456,751 issued October 10, 1995 to Iraj Zandi et al.

U.S. Patent No. 5,563,201 issued October 8, 1996 to Mathieu Joanicot et al.

U.S. Patent No. 5,770,760 issued June 23, 1998 to Fred Robinson.

U.S. Patent No. 5,779,787 issued July 14, 1998 to Lance E. Brothers et al.

U.S. Patent No. 5,873,413 issued February 23, 1999 to Jiten Chatterji et al.

U.S. Patent No. 6,060,434 issued May 9, 2000 to Ronald E. Sweatmen et al.

U. S. Patent No. 6,156,808 issued December 5, 2000 to Jiten Chatterji et al.

U.S. Patent No. 6,297,202 B1 issued October 2, 2001 to Jiten Chatterji et al.

U.S. Patent No. 6,508,305 B1 issued January 21, 2003 to Harold D. Brannon et al.

U.S. Patent No. 6,581,701 B2 issued June 24, 2003 to Theodore L. Heying.

U.S. Patent No. 6,641,660 B1 issued November 4, 2003 to Jiten Chatterji et al.

U.S. Patent No. 6,645,288 B1 issued November 11, 2003 to Bernard Dargaud et al.

U.S. Patent No. 6,702,044 B2 issued March 9, 2004 to B. Raghava Reddy et al.

U.S. Patent No. 6,722,433 B2 issued April 20, 2004 to Lance E. Brothers et al.

U.S. Patent No. 6,742,592 B1 issued June 1, 2004 to Sylvaine Le Roy-Delage et al.

U.S. Patent No. 6,823,940 B2 issued November 30, 2004 to B. Raghava Reddy et al.

U.S. Patent No. 6,832,651 B2 issued December 21, 2004 to Krishna M. Ravi et al.

U.S. Patent No. 6,837,316 B2 issued January 4, 2005 to B. Raghava Reddy et al.

UNITED STATES PATENT APPLICATION PUBLICATION

U.S. Patent Application Publication No. US 2004/0007360 A1 published January 15, 2004 to Sklvaine Leroy-Delage et al.

U.S. Patent Application Publication No. US 2004/0144537 A1 published July 29, 2004 to B. Raghava Reddy et al.

U.S. Patent Application Publication No. US 2004/0168798 A1 published September 2, 2004 to Prentice G. Creel et al.

U.S. Patent Application Publication No. US 2004/0168802 A1 published September 2, 2004 to Prentice G. Creel et al.

U.S. Patent Application Publication No. US 204/0168804 A1 published September 2, 2004 to B. Raghava Reddy et al.

U.S. Patent Application Publication No. US 2004/0171499 A1 Published September 2, 2004 to Krishna M. Ravi et al.

U.S. Patent Application Publication No. US 2004/0198872 A1 published October 7, 2004 to B. Raghava Reddy et al.

FOREIGN PATENTS

PCT Patent No. WO 2004/0101463 A2 published November 25, 2004.

PCT Patent No. WO 2004/0101951 A1 published November 25, 2004.

PCT Patent No. WO 2004/0101952 A1 published November 25, 2004.

Japanese Patent No. JP 2001146457 published May 29, 2001.

United Kingdom Patent Application No. GB 2 271 350 A published April 13, 1994.

OTHER PUBLICATIONS

Halliburton brochure entitled "CFR-3™ Cement Friction Reducer" dated 2004.

Halliburton brochure entitled "Halad®-447 Fluid-Loss Additive" dated 1999.

Halliburton brochure entitled "LA-2 Latex Fluid-Loss Additive" dated 1999.

Halliburton brochure entitled "Silicalite Cement Additive" dated 1999.

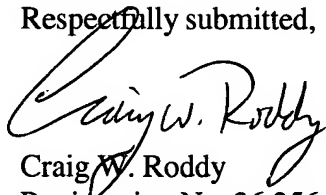
Dow Reichhold Specialty Latex LLC™ brochure entitled "TYCHEM® 68710-00" .

Dow Reichhold Specialty Latex LLC™ Material Safety Data Sheet dated June 23, 2004.

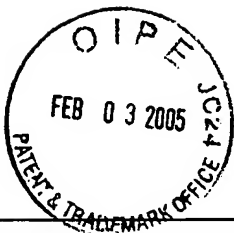
Patent Application entitled "Oil Well Sealant Compositions Comprising Alkali Swellable Latex" filed December 7, 2004, as serial number 11/010,117, by B. Raghava Reddy et al.

Copies of the non-patented references and Form PTO-1449 are submitted herewith.

Respectfully submitted,



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580-251-3012



FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 2003-IP-012018U1	SERIAL NO. 10/827,022
	APPLICANT Baireddy R. Reddy et al.	
	FILING DATE April 19, 2004	GROUP 3672

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	3,487,038	12/30/69	Toy et al.	260	29.7	
	AB	3,793,244	02/19/74	Megee et al.	260	29.7	
	AC	4,182,677	01/08/80	Bocard et al.	210	36	
	AD	4,301,016	11/17/81	Carriere et al.	252	8.5 C	
	AE	4,384,096	05/17/83	Sonnabend	526	313	
	AF	4,486,316	12/04/84	Carriere et al	252	8.5 C	
	AG	4,664,816	05/12/87	Walker	252	8.512	
	AH	4,670,501	06/02/87	Dymond et al.	524	458	
	AI	4,767,460	08/30/88	Parcevaux et al.	106	90	
	AJ	4,777,200	10/11/88	Dymond et al.	524	458	
	AK						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL	WO 2004/101463 A2	11/25/04	PCT	CO4B	28/02	X	
	AM	WO 2004/101951 A1	11/25/04	PCT	E21B	33/13	X	
	AN	WO 2004/101952 A1	11/25/04	PCT	E21B	33/13	X	
	AO	JP2001146457	05/29/01	Japan	CO5B	28/02	X (Abstract only)	
	AP	GB 2 271 350	04/13/94	United Kingdom	CO2F	11/00	X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Halliburton brochure entitled "CFR-3™ Cement Friction Reducer Dispersant" dated 2004.
	AS	Halliburton brochure entitled "Halad®-447 Fluid-Loss Additive" dated 1999.
	AT	Halliburton brochure entitled "LA-2 Latex Fluid-Loss Additive" dated 1999.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	AA	4,818,288	04/04/89	Aignesberger et al.	106	90	
	AB	4,861,822	08/29/89	Keskey et al.	524	559	
	AC	5,244,304	09/14/93	Weill et al.	404	67	
	AD	5,290,356	03/01/94	Frankowski	106	726	
	AE	5,387,626	02/07/95	Bohme-Kovac et al.	524	35	
	AF	5,456,751	10/10/95	Zandi et al.	106	724	
	AG	5,563,201	10/08/96	Joanicot et al.	524	425	
	AH	5,770,760	06/23/98	Robinson	560	221	
	AI	5,779,787	07/14/98	Brothers et al.	106	802	
	AJ	5,873,413	02/23/99	Chatterji et al.	166	293	
	AK						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		Halliburton brochure entitled "Silicalite Cement Additive" dated 1999.
	AS		Dow Reichhold Specialty Latex LLC™ brochure entitled "TYCHEM® 68710-00".
	AT		Dow Reichhold Specialty Latex LLC™ Material Safety Data Sheet dated June 23, 2004.

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EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	6,060,434	05/09/00	Sweatman et al.	507	216	
	AB	6,156,808	12/05/00	Chatterji et al.	516	116	
	AC	6,297,202 B1	10/02/01	Chatterji et al.	507	261	
	AD	6,508,305 B1	01/21/03	Brannon et al.	166	293	
	AE	6,581,701 B1	06/24/03	Heying	175	72	
	AF	6,641,660 B1	11/04/03	Chatterji et al.	106	724	
	AG	6,645,288 B1	11/11/03	Dargaud et al.	106	696	
	AH	6,702,044 B2	03/09/04	Reddy et al.	175	64	
	AI	6,722,433 B2	04/20/04	Brothers et al.	166	28	
	AJ	6,742,592 B1	06/01/04	Le Roe-Delage et al.	166	293	
	AK	6,823,940 B2	11/30/04	Reddy et al.	166	295	

FOREIGN PATENT DOCUMENTS

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	AL							
	AM							
	AN							
	AO							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		Patent Application entitled "Oil Well Sealant Compositions Comprising Alkali Swellable Latex" filed December 7, 2004, as serial number 11/010,117, by B. Raghava Reddy et al.
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	6,832,651 B2	12/21/04	Ravi et al.	166	292	
	AB	6,837,316 B2	01/04/05	Reddy et al.	175	64	
	AC	US 2004/0007360	01/15/04	Leroy-Delage et al.	166	293	
	AD	US 2004/0144537	07/29/04	Reddy et al.	166	292	
	AE	US 2004/0168798	09/02/04	Creel et al.	166	270	
	AF	US 2004/0168802	09/02/04	Creel et al.	166	293	
	AG	US 2004/0168804	09/02/04	Reddy et al.	166	295	
	AH	US 2004/0171499	09/02/04	Ravi et al.	507	200	
	AI	US 2004/0198872	10/07/04	Reddy et al.	524	3	
	AJ						
	AK						

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		Document No.	Date	Country	Class	Subclass	<u>Translation</u>	
							Yes	No
	AL							
	AM							
	AN							
	AO							
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